Technische Universiteit
Eindhoven
University of Technology

iGEM TU/e 2016
Biomedical Engineering

Eindhoven University of Technology
Room: Ceres 0.04
Den Dolech 2, 5612 AZ Eindhoven
The Netherlands
Tel. no. +31 50 247 55 59
2016.igem.org/Team:TU_Eindhoven

NanoDrop

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1 NanoDrop

Estimated bench time: -
Estimated total time: 5 minutes start-up, 2 minutes per sample.
Purpose: Determining the concentration of samples.

1.1 Materials

- Autoclaved dH_2O
- dH_2O
- Fiber-free tissues
- NanoDrop pectrophotometer
- Pipettes and tips
- Samples

1.2 Setup & Protocol

- Start the NanoDrop spectrophotometer.
- Select the DNA measurement ‘Nucleic Acid’ in the NanoDrop menu for examining DNA sample, or;
- Select the protein measurement ‘UV-Vis’ in the NanoDrop menu for examining proteins by absorption.
- Clean the surface of the NanoDrop with dH2O and a fiber free-tissue.
- Preform a calibration and blank measurement by entering one drop of 2 µl autoclaved dH2O.
- Clean the surface again and place 2 µl per sample on the NanoDrop and measure the concentration.